PATENT

DOCKET NO.: CC-3628/A0363US3

Application No.: not yet assigned

Preliminary Amendment - First Action Not Yet Received

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A system for detecting a lining of a container closure that is formed of a sheet metal and has includes a panel on an inside surface of the closure, said panel having a lining formed thereon, said system comprising:

a conveyor for moving said plural closures longitudinally therealong, said conveyor having a conveying surface that supports an outside surface of said closures;

a color sensor that senses said panel of each one of said closures on said conveyor for a predetermined color, said color sensor being capable of identifying a sufficient color status that corresponds to a sufficient lining and a deficient color status that corresponds to an insufficient lining; and

a separator capable of removing from said conveyor closures having a deficient color status, whereby said system automatically identifies and removes said closures that have said deficient color from the conveyor.

- 2. (original) The system of claim 1 further comprising an oven for baking said lining, said conveyor moving said closures into said oven.
- 3. (original) The system of claim 1 further comprising a compound machine that sprays a compound on said panel, said compound forming said lining after curing, said color sensor disposed between said compound machine and said oven.
- 4. (original) The system of claim 3 wherein said compound comprises a plastisol.
- 5. (original) The system of claim 4 wherein said closures are heated in said oven to cure said plastisol.
- 6. (original) The system of claim 5 wherein said oven heats said closures to approximately 380 degrees to 400 degrees Fahrenheit.

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- 7. (original) The system of claim 1 wherein said color sensor senses a predetermined wavelength of light to identify the sufficient color status.
- 8. (original) The system of claim 1 wherein the separator comprises a compressed air jet that blows said closures having the deficient color status from said conveyor.
- (original) The system of claim 1 wherein said color sensor is directed to said conveyor surface.

10-33. (canceled)

- 34. (new) The system of claim 1 wherein said color sensor is capable of sensing a predetermined wavelength of light to identify the sufficient color status.
- 35. (new) The system of claim 1 wherein the closure is unitary such that the panel is unitarily formed with a skirt.

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